

Trees As Habitats

Project Learning Tree Activity #22

Program of Studies

Science:

- S-P-SI-2 (Use simple equipment (e.g., aquariums), tools (e.g., magnifiers, spoons), skills (e.g., observing, pouring), technology (e.g., video discs), and mathematics in scientific investigations.)
- S-P-SI-5 (Communicate (e.g., speak, draw) designs, procedures, and results of scientific investigations.)
- S-4-SI-5 (Communicate (e.g., graph, write) designs, procedures, and results of scientific investigations.)
- S-4-LS-9 (Organisms change the environment. These changes may be detrimental or beneficial.)
- S-5-SI-2 (Use appropriate equipment (e.g., watches), tools (e.g., rain gauges), techniques (e.g., classifying), technology (e.g., calculators), and mathematics in scientific investigations.)
- S-5-SI-5 (Communicate (e.g., draw, speak) designs, procedures, and results of scientific investigations.)
- S-6-SI-2 (Use appropriate equipment (e.g., binoculars), tools (e.g., beakers), techniques (e.g. ordering), technology (e.g., calculators), and mathematics in scientific investigations.)
- S-6-SI-5 (Communicate (e.g., speak, write) designs, procedures, and results of scientific investigations.)
- S-6-LS-1 (Investigate how organisms obtain and use resources, grow, reproduce, and maintain stable internal conditions. Examine the regulation of an organism's internal environment.)

Math:

- M-P-PS-11 (Collect and display data.)
- M-P-PS-12 (Read, compare, and interpret student collected data.)
- M-4-PS-2 (Choose appropriate means to collect and represent data.)
- M-6-PS-3 (Select an appropriate graph to represent given data.)

Core Content

Science:

- SC-E-SI-4 (Design and conduct simple scientific investigations.)
- SC-E-SI-5 (Communicate (e.g., draw, graph, write) designs, procedures, observations and results of scientific investigations.)
- SC-E-3.3.3 (All organisms, including humans, cause changes in the environment where they live. Some of these changes are detrimental to the organism or to other organisms; other changes are beneficial (e.g., dams built by beavers benefit some aquatic organisms but are detrimental to others).)
- SC-M-SI-4 (Design and conduct scientific investigations.)
- SC-M-SI-5 (Communicate (e.g., write, graph) designs, procedures, observations, and results of scientific investigations.)
- SC-M-3.2.1 (All organisms must be able to obtain and use resources, grow, reproduce, and maintain stable internal conditions while living in a constantly changing external environment.)

Math:

- MA-E-3.2.2 (Collect, organize, and describe data (e.g., drawings, tables, charts).)
- MA-E-3.2.3 (Construct and interpret displays of data (e.g., line graph, bar graph, pictograph, line plot, simple Venn diagram, table).)
- MA-M-3.2.1 (Organize, represent, analyze, and interpret sets of data.)
- MA-M-3.2.2 (Construct and interpret displays of data (e.g., table, circle graph, line plot, stem-and-leaf plot, box-and-whiskers plot).)